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**From:** Rodan, Bruce [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=RODAN, BRUCE]  
**Sent:** 5/14/2019 1:10:10 PM  
**To:** Hines, Ronald [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=464f333922cc4aa68db2a1677122ab58-Hines, Ronald]  
**Subject:** RE: ADVANCE NOTIFICATION - ORD-030638 Gaballah et al. PFAS Developmental Toxicity and Developmental Neurotoxicity in the Zebrafish Model

Ex. 6 Personal Privacy (PP)

Bruce Rodan  
Associate Director for Science  
EPA Office of Research and Development

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**From:** Hines, Ronald  
**Sent:** Tuesday, May 14, 2019 9:09 AM  
**To:** Rodan, Bruce <rodan.bruce@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>  
**Cc:** Fleming, Megan <Fleming.Megan@epa.gov>  
**Subject:** RE: ADVANCE NOTIFICATION - ORD-030638 Gaballah et al. PFAS Developmental Toxicity and Developmental Neurotoxicity in the Zebrafish Model

Good morning Bruce,

Do you have time for a call regarding your comments on this manuscript?

Ron

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**From:** Rodan, Bruce  
**Sent:** Monday, May 13, 2019 6:25 PM  
**To:** Hines, Ronald <Hines.Ronald@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>  
**Cc:** Fleming, Megan <Fleming.Megan@epa.gov>  
**Subject:** RE: ADVANCE NOTIFICATION - ORD-030638 Gaballah et al. PFAS Developmental Toxicity and Developmental Neurotoxicity in the Zebrafish Model

Ron,

## Ex. 5 Deliberative Process (DP)

Happy to continue to expedite ...

Bruce Rodan  
Associate Director for Science  
EPA Office of Research and Development

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**From:** Hines, Ronald

**Sent:** Tuesday, May 7, 2019 4:59 PM

**To:** Rodan, Bruce <[rodan.bruce@epa.gov](mailto:rodan.bruce@epa.gov)>; Gillespie, Andrew <[Gillespie.Andrew@epa.gov](mailto:Gillespie.Andrew@epa.gov)>

**Cc:** Fleming, Megan <[Fleming.Megan@epa.gov](mailto:Fleming.Megan@epa.gov)>; Cascio, Wayne <[Cascio.Wayne@epa.gov](mailto:Cascio.Wayne@epa.gov)>; Fisher, Bill <[Fisher.William@epa.gov](mailto:Fisher.William@epa.gov)>; Saterson, Kathryn <[Saterson.Kathryn@epa.gov](mailto:Saterson.Kathryn@epa.gov)>; Franzosa, Jill <[Franzosa.Jill@epa.gov](mailto:Franzosa.Jill@epa.gov)>; Rashleigh, Brenda <[Rashleigh.Brenda@epa.gov](mailto:Rashleigh.Brenda@epa.gov)>; Jones, Marjorie <[Jones.Marjorie@epa.gov](mailto:Jones.Marjorie@epa.gov)>

**Subject:** ADVANCE NOTIFICATION - ORD-030638 Gaballah et al. PFAS Developmental Toxicity and Developmental Neurotoxicity in the Zebrafish Model

Good afternoon Bruce and Andy,

# Ex. 5 Deliberative Process (DP)

Ron Hines, PhD  
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US EPA, NHEERL  
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Research Triangle Park, NC 27711  
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**Ex. 6 Personal Privacy (PP)**